

Indoor/Outdoor/All weather speaker system

Système de haut-parleur intérieur/extérieur/ toutes conditions météorologiques

Universal - Lautsprecher für drinnen und draußen bei jedem Wetter

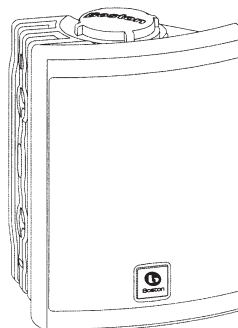
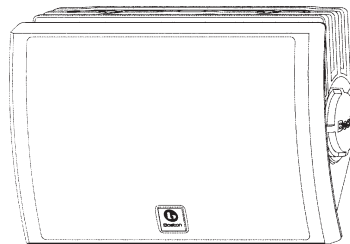
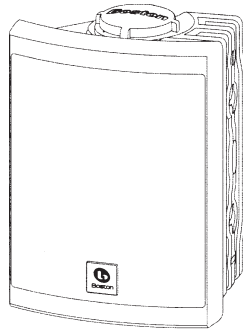
Sistema de altavoces para todo tipo de clima. Para Interior /Exterior

Casse acustiche per interni/esterni/ e per tutte le condizioni atmosferiche

Binnen/Buiten/Voor iedere weersomstandigheden geschikt luidsprekersysteem

Allværs høyttersystem for inne og ute bruk

Voyager 70
Voyager 60
Voyager 50
Voyager 40
Voyager Metro II



Description

Thank you for purchasing these new Voyager® speakers. Combining the famous Boston sound with the latest and best weather resistance and manufacturing methods, the Voyagers are ideally suited to anything you can throw at them. Try outdoor use – sun, rain, snow, heat, and cold – or marine use. They are equally at home in your home, for background music, hi-fi, or home theater. All models in the Voyager line are true two-way designs with all acoustic parts sealed and gasketed against penetrating weather.

Drawing from over a decade of all-weather speaker expertise, Boston built the Voyager series to minimize exposure of acoustic parts to weather and with materials proven to resist the elements: polypropylene cabinets with UV light and impact resistance, all-aluminum grilles and brackets, gold-plated speaker connectors. All drivers are manufactured from high-tech plastics, rubbers, and other materials that have been extensively tested for durability. Versatile brackets simplify installation in many situations (and the speakers' shape makes corner placement easy). The large, grippy knobs make adjustment to speaker angle easy.

Enjoy your New Voyager speakers!

SPECIFICATIONS

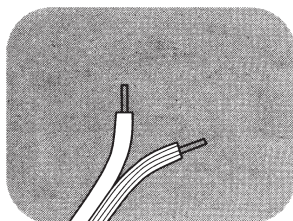
	VOYAGER 70	VOYAGER 60	VOYAGER 50	VOYAGER 40	VOYAGER METRO II
Frequency Response (±3dB)	57Hz-22kHz	58Hz-22kHz	62Hz-22kHz	72Hz-22kHz	58Hz-22kHz
Recommended Amplifier Power	10-175 watts	10-150 watts	10-125 watts	10-125 watts	10-125 watts (Per channel)
Nominal Impedance	8 ohms	8 ohms	8 ohms	8 ohms	8 ohms x 2 (Per channel)
Sensitivity [1 watt (2.83v) at 1m]	91dB	90dB	90dB	90dB	90dB
Bass Unit copolymer cone with butyl rubber surround	7" (180mm)	6½" (165mm)	5¼" (135mm)	4½" (115mm)	6½" (165mm)
Tweeter	1" (25 mm) Kortec®	1" (25 mm) Kortec®	¾" (19mm) Kortec®	¾" (19mm) Kortec®	(2) 1" (25 mm) Kortec®
Crossover Frequency	2500 Hz	2500 Hz	3500 Hz	3500 Hz	2500 Hz
Dimensions without bracket (HxWxD)	14½ x 9½ x 8¾" 368x251x222mm	13 x 9 x 7¾" 330x229x197mm	11¼ x 8¼ x 7" 286x210x177mm	9¾ x 6½ x 5½" 238x175x149mm	9 x 13 x 7¾" 229x330x197mm
Grille & Bracket corrosion resistant	powder-coated aluminum	powder-coated aluminum	powder-coated aluminum	powder-coated aluminum	powder-coated aluminum
Housing	polypropylene	polypropylene	polypropylene	polypropylene	polypropylene

How to Connect Your Speakers

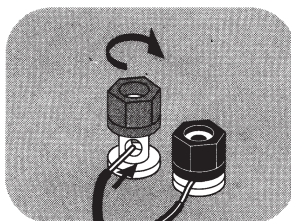
You need to wire your speakers correctly to obtain the best sound quality and a proper stereo image. Wiring should take a few minutes, but it's important to do it carefully, since incorrect wiring (such as reversed connections) can result in a poor stereo soundstage or poor bass. We recommend 18 gauge (or heavier) lamp cord or speaker wire for runs of up to 25 feet (8m), and thicker 16 gauge for longer runs. Strip ½" (12mm) of insulation off the ends of each speaker cable to expose the two conductors, and tightly twist the wire strands. In installations where wiring is run on or through a building, use appropriate weatherproof wire that complies with local codes. See your dealer or other knowledgeable person for recommendations on suitable wiring.

WARNING:

To prevent electrical shock hazard, always switch off the amplifier or receiver when making connections to the speaker. When making all connections, be sure to connect the + (red) on the speaker to the + (red) on the amplifier, and the - (black) on the speaker to the - (black) on the amplifier.



IMPORTANT: Typically, one side of the wire is smooth. Connect this side to the - (black) connection. The other side has a rib or stripe or other marking. Connect this to the + (red) connection.

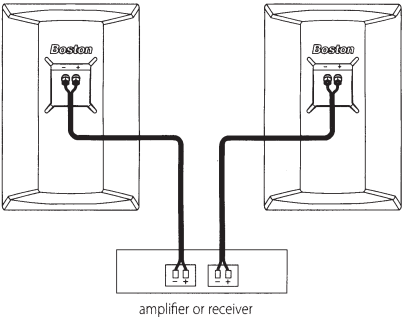


Using the five-way binding posts: The binding posts permit easy connection to banana plugs, spade lugs, and bare wire. Insert the wire in the hole and tighten.

Basic Hookup

- 1. Connect the speaker terminals to the amplifier speaker outputs.
- 2. When making all connections, be sure to connect + to + (red) and - to - (black).

Note: The Voyager® Metro II requires connection of both left and right speaker wires to the one speaker.



Checking the Speaker Connections

It is important that your speakers are hooked up with similar polarity or "in phase." A simple listening test will tell you if your speakers are connected properly. Place the speakers face to face, as closely together as possible. While listening to music with your amplifier set to MONO, reverse the connections at one speaker only. You'll hear a dramatic change in sound. The connection that yields the fuller bass and louder sound is correct.

Listening Levels and Power Handling

The listed power recommendations assume you will operate your system in a way that will not produce distortion. Even these rugged speakers can be damaged by a modest amplifier if it produces distortion. If you hear a harsh, gritty noise, turn down the volume. Prolonged or repeated operation of your speaker with a distorted signal from the amplifier can cause damage that is not covered by the warranty.

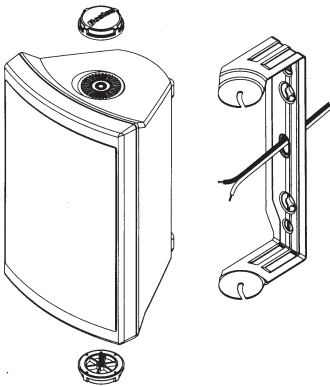
How to Place Your Speakers

Placement is one of the most important factors for sound quality. Taking a few minutes to place your speakers correctly ensures that your speakers will sound best in any indoor or outdoor environment. For best stereo effect, separate the speakers by at least 3-6 feet. (1-2m). Typically, placement near a wall or other surface will increase the bass output of the speaker. Corner placement will give still more bass. Outdoors, placement under the eaves of a roof reduces exposure to constant direct sunlight and precipitation, which will extend the speaker's life. Placement under the eaves or on a wall near the ground will increase bass. In situations where you need to avoid disturbing neighbors, you may wish to install the speakers on a post or railing facing the house and listening area (the sound area will be more contained).

Mounting the speakers

Before running permanent wires and mounting the speaker, you may wish to test the speaker placement first for coverage and good stereo sound.

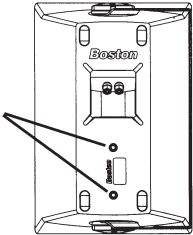
Use the supplied bracket to mount the speaker vertically or horizontally on walls or other surfaces. The bracket includes keyhole sockets and other holes to suit a variety of hardware. Consult a knowledgeable person about the best hardware to use for your particular wall surface. For mounting, remove the bracket from the speaker. If running wires, you may wish to route the wiring through the bracket's large middle hole; the bracket will cover the hole in the wall. Mount the bracket and attach the speaker. Adjust the speaker to face the listening area.



Alternatively, you may use mounting brackets made by other companies. The 1/4"-20 threaded inserts for the knob match various brackets and mounting plates. The Voyager 70 includes two more inserts on the rear of the cabinet. Consult your dealer or the bracket manufacturer for more information.

Mounting Options	Voyager 70	All other models
Insert Size	1/4"-20	1/4"-20
Insert Location	Top, Bottom and 2 on rear, 3" (76.2mm) apart	Top, Bottom

Voyager 70 mounting inserts



Public address installations

The Voyager models include internal screw holes for 70V matching transformers used in professional PA installations. These holes are designed for transformers with two mounting points spaced 2-3" (52-76mm) apart (Voyager 40, 50, and 70) and for a transformer adaptor plate with four holes (Voyager 60 and Metro II). Use self-tapping #6 x 3/8" screws (metric equivalent: M3.5 x 10mm). To mount a transformer, remove the speaker grille (see above), and then remove the recessed screws holding the front baffle. Connect the transformer wires with wire nuts or solder. Test the speaker and reattach the front baffle, making sure the sealing gasket is in place. Do not over-tighten the recessed screws, or the plastic screw threads will strip.

Maintenance

Voyager speakers require no more than occasional dusting or wiping with a soft cloth. When the speakers are installed in hard-to-reach locations, you may brush them with a soft broom. Avoid directing a garden hose at the speaker—it can damage the drivers or dislodge the wiring.

If Service Seems Necessary

First, contact the dealer from whom you purchased the speakers. If that is not possible, write to: customerservice@bostonacoustics.com or Boston Acoustics, Inc. 100 Corporate Drive, Mahwah, NJ 07490 U.S.A. We will promptly advise you of what action to take.



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www.bostonacoustics.com

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Please print below, or register your new product online at: bostonacoustics.com/prodreg

First Name _____ Last Name _____

Street Address _____ Apt. # _____

City _____ State _____ ZIP _____

E-mail _____ Phone _____ - _____ - _____

Age Group: Under 20 ____ 20 to 29 ____ 30 to 39 ____ 40 to 49 ____ 50 to 59 ____ 60 to 69 ____ 70 to 79 ____ 80 and over ____

Marital Status: Single ____ Married ____ Gender: Male ____ Female ____

Education: High School ____ Some College ____ Associate/Jr. College Degree ____ 4-Year College Degree ____ Graduate School ____

What type of Boston Acoustics product did you purchase? Home Stereo/Theater ____ Car ____ In-Wall/In-Ceiling ____ Multimedia/PC ____

Date of Purchase ____/____/____ Model Name _____ Serial # _____

(Located on a silver label on the outside of packaging.)

Store Name _____ City _____ State _____

How did you hear about this product? Boston Acoustics advertisement ____ Store salesperson ____ Store advertisement ____ Magazine review ____
Store display ____ Online review ____ Trade show ____ PC manufacturer ____ Friend/family ____
Other _____

What other brand(s) and model(s) did you consider when making this purchase?

Brand(s) _____

Model(s) _____

Thank you for completing this form. If you have any technical questions or are interested in other Boston Acoustics products, visit us on the Web at bostonacoustics.com, or call (978) 538-5000.



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Post Office will
not deliver
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postage.

ATTN: PRODUCT REGISTRATION

BOSTON ACOUSTICS INC

300 JUBILEE DR

PEABODY MA 01960-4030



issued by Curtis-Straus

Company: Boston Acoustics
Products Tested: Voyager Series Speaker
Testing Date: 12/6/06, 1/18/07
Report No. NG1356-1 Issue 2

A sample of the product as configured in the accompanying test report has been found to comply with the following standards:

IEC 60529 IPX4 and IPX5

Attested to by the hands and seals:

For Curtis-Straus

W. L. H.

1/22/07

Test Engineer

Date _____

Jack M. Q.

1/22/07

E.S. Manager

Date _____

For the Manufacturer or Importer

David J. Bell 1/22/07

Date _____



This symbol found on the product indicates that the product must not be disposed of with household waste. Instead, it may be placed in a separate collection facility for electronic waste or returned to a retailer when purchasing similar product. The producer paid to recycle this product. Doing this contributes to reuse and recycling, minimizes adverse effects on the environment and human health and avoids any fines for incorrect disposal.

Este símbolo que encuentra en el producto, indica que este producto no debe ser desechado en el cesto de basura doméstica. En su lugar, deberá ser depositado en forma separada y en depósitos destinados a esta clase de desechos electrónicos o devueltos a su proveedor con el que regularmente adquiere productos similares. El fabricante pagará por el reciclado de este producto. Haciendo esto contribuimos al reúso y reciclado minimizando de esta forma los efectos adversos al medio ambiente, a la salud de las personas y previniendo el incorrecto desecho.

Ce symbole une fois sur le produit indique que celui-ci ne doit pas être jeté avec les déchets ménagers. Au contraire, il doit être placé dans un lieu séparé collectant les déchets électroniques, ou retourné au lieu de vente lorsque vous achetez un produit similaire. Le fabricant finance le recyclage de ce produit. Ainsi, en incitant à la réutilisation ou au recyclage, les effets négatifs sur l'environnement et la santé publique sont minimisés, et tout risque de poursuite du client pour non-respect de la législation sur les déchets est évité.

Il simbolo sul prodotto indica che il prodotto stesso non può essere smaltito gettandolo semplicemente fra i rifiuti domestici. Esso deve essere smaltito in una struttura abilitata alla raccolta di apparati elettronici oppure, se viene sostituito da un altro apparecchio simile, deve essere consegnato al negoziante presso cui si effettua il nuovo acquisto. Il costruttore ha già pagato per il riciclo di questo prodotto. Seguendo queste raccomandazioni contribuirete a recuperare e riciclare, minimizzando l'impatto nocivo dei rifiuti sulla natura e sulla salute pubblica. Eviterete inoltre il rischio di essere multati per una incorretta procedura di smaltimento.

Dieses Symbol, welches sich auf dem Produkt befindet, zeigt an, daß das Produkt nicht mit dem Hausmüll entsorgt werden darf. Stattdessen sollte es in einen separaten Sammelbehälter für elektronische Geräte, oder zu einem Einzelhändler zurückgebracht werden, bei welchem man ähnliches Produkt kauft. Der Hersteller übernimmt in diesem Fall die Kosten der Beseitigung. Diese vorgehensweise trägt zur Wiederverwendung und zur Wiederverwertung bei, setzt schädliche Wirkungen auf das Klima und die menschliche Gesundheit herab und vermeidet mögliche Geldstrafen für falsche Entsorgung.

Symbolen som återfinns på produkten betyder att varan inte får kastas med hushållsavfall. Vid kassering måste produkten överlämnas till de faciliteter som din kommun erbjuder för återvinning av hemelektronik eller till den återförsäljare där produkten inhandlats. Producenten har betalat för denna återvinningshantering. Genom att följa dessa regler bidrar du som konsument till en effektiv återvinning och minimerar negativa effekter på miljön och vår hälsa samt undviker böter för oriktig hantering av miljöfarligt avfall.

Ce symbole une fois sur le produit indique que celui-ci ne doit pas être jeté avec les déchets ménagers. Au contraire, il doit être placé dans un lieu séparé collectant les déchets électroniques, ou retourné au lieu de vente lorsque vous achetez un produit similaire. Le fabricant finance le recyclage de ce produit. Ainsi, en incitant à la réutilisation ou au recyclage, les effets négatifs sur l'environnement et la santé publique sont minimisés, et tout risque de poursuite du client pour non-respect de la législation sur les déchets est évité.